R307. Environmental Quality, Air Quality.
R307-165. Stack Testing.
R307-165-1. Purpose and Applicability.

(1) The purpose of R307-165 is to establish the requirements for stack testing.

(2) R307-165 applies to all emissions units with established source-specific emission limitations as specified in approval orders issued under R307-401 or in Section IX, Part H of the Utah state implementation plan.

(3) R307-165 does not apply to opacity limitations or emissions units with emissions monitored under R307-170.

R307-165-2. Testing Frequency.

(1) The owner or operator of an emissions unit as per R307-165-1(2) shall conduct stack testing at least once every five years. More frequent testing may be required as specified in an applicable federal rule, approval order, Title V permit, or State Implementation Plan.

(2) If the director has reason to believe that an applicable emission limitation is being exceeded, the owner or operator shall perform such stack testing as is necessary to determine the actual compliance status and as required by the director.

(3) The owner or operator shall conduct stack testing of emissions units approved in accordance with R307-401 within 180 days of startup.

R307-165-3. Notification of DAQ.

(1) Unless otherwise specified by federal rule, the owner or operator shall notify the director of the date, time and place of stack testing no less than 30 days, before conducting a stack test, and provide a copy of the source test protocol to the director.

(2) The source shall obtain approval of the protocol from the director prior to conducting the test. The source test protocol shall:

(a) identify the reason for the test(s);
(b) outline the proposed test methodologies;
(c) identify the stack(s) to be tested; and
(d) identify the procedures to be used.

(3) The owner or operator shall attend a pretest conference if determined necessary by the director.

R307-165-4. Test Conditions.

(1) The production rate during all stack testing shall be no less than 90% of the maximum production rate achieved in the previous three years. If the desired production rate is not achieved at the time of the test, the maximum production rate shall be 110% of the tested achieved rate, but not more than the maximum allowable production rate. This new allowable maximum production rate shall remain in effect until successfully tested at a higher rate. The owner/operator shall request a higher production rate when necessary. Testing at no less than 90% of the higher rate shall be conducted. A new maximum production rate (110% of the new rate) will then be allowed if the test is successful. This process may be repeated until

the maximum allowable production rate is achieved.

(2) During the stack testing, the owner or operator shall burn fuels or combinations of fuels, use raw materials, and maintain process conditions representative of normal operations of the emissions unit.

(3) The owner or operator shall operate the emissions unit under such other relevant conditions as the director shall specify.

R307-165-5. Reporting.

The owner or operator shall submit a written report of the results from the stack testing to the director no later than 60 days after completion of the stack testing. The report shall include validated results and supporting information.

R307-165-6. Rejection of Test Results.

The director may reject stack testing results if determined to be incomplete, inadequate, not representative of operating conditions specified for the test, or if the director was not provided an opportunity to have an observer present at the test.

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